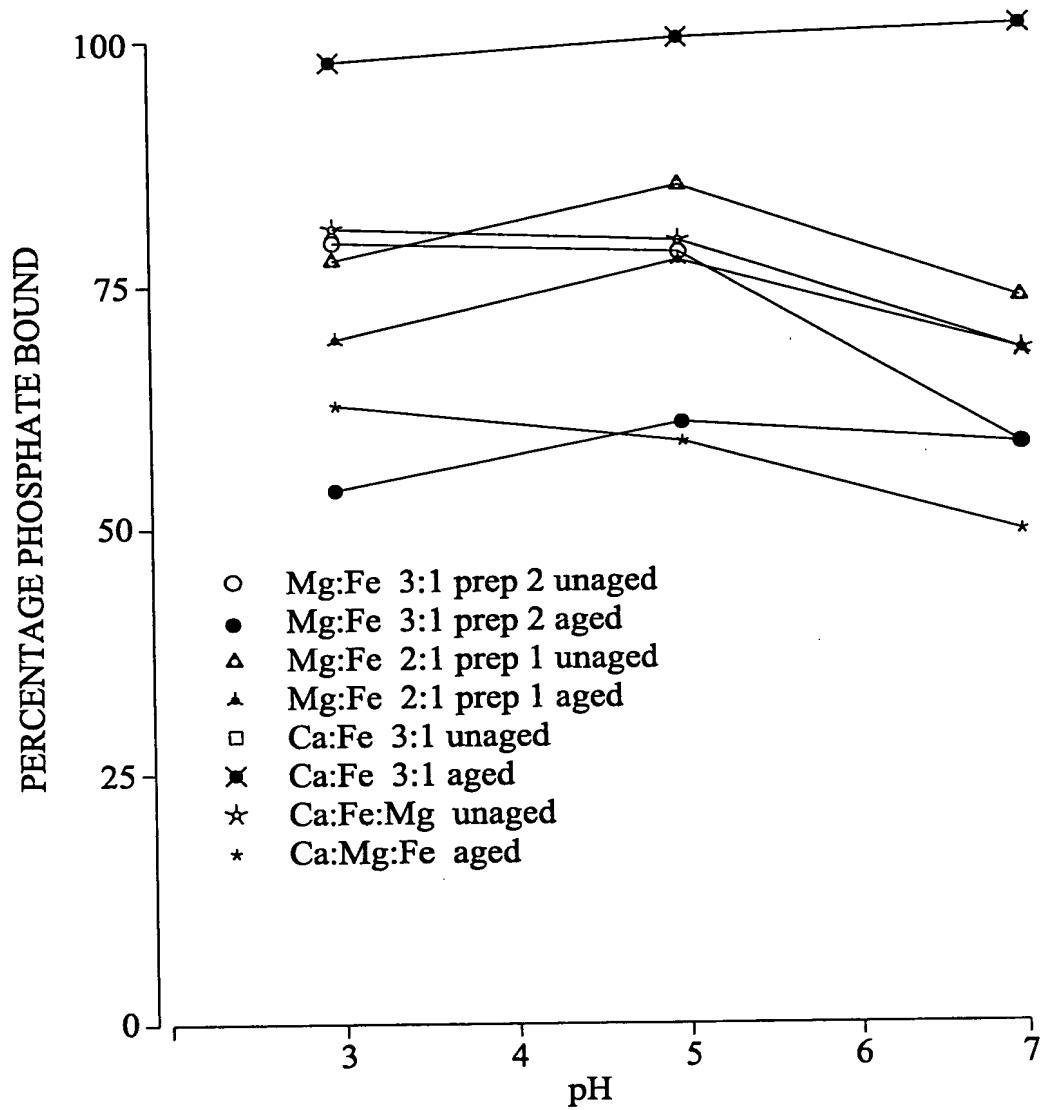


FIG. 1

Effect of pH and ageing on percentage phosphate binding of mixed metal compounds



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FIG. 2

Effect of pH and drying on percentage phosphate binding of mixed metal compounds

- Mg:Fe 3:1 prep 3 Wet
- Mg:Fe 3:1 prep 3 Dry
- △ Mg:Fe 2:1 prep 2 Wet
- ▲ Mg:Fe 2:1 prep 2 Dry
- Ca:Fe 3:1 Wet
- ✖ Ca:Fe 3:1 Dry
- ☆ Ca:Fe:Mg Wet
- * Ca:Mg:Fe Dry

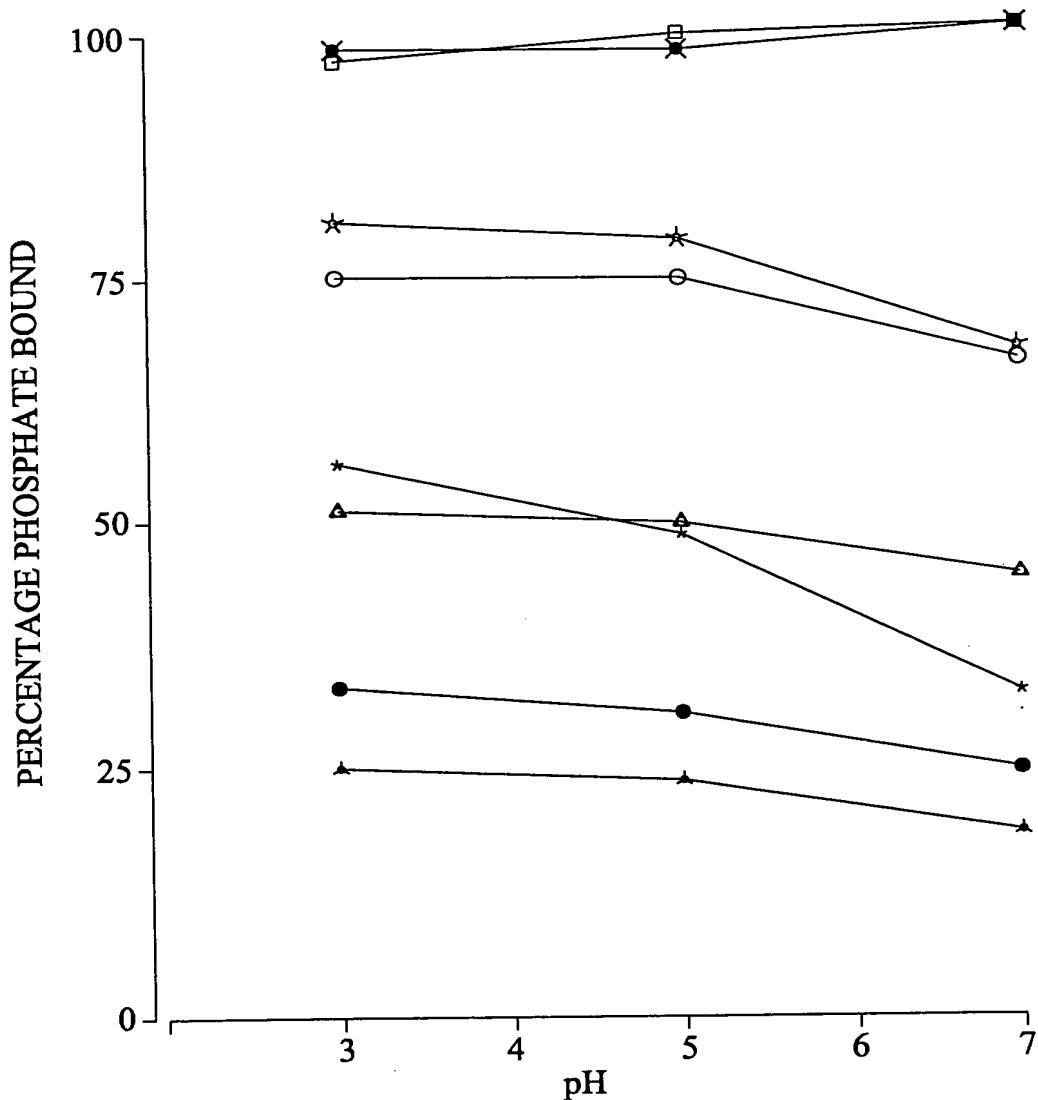
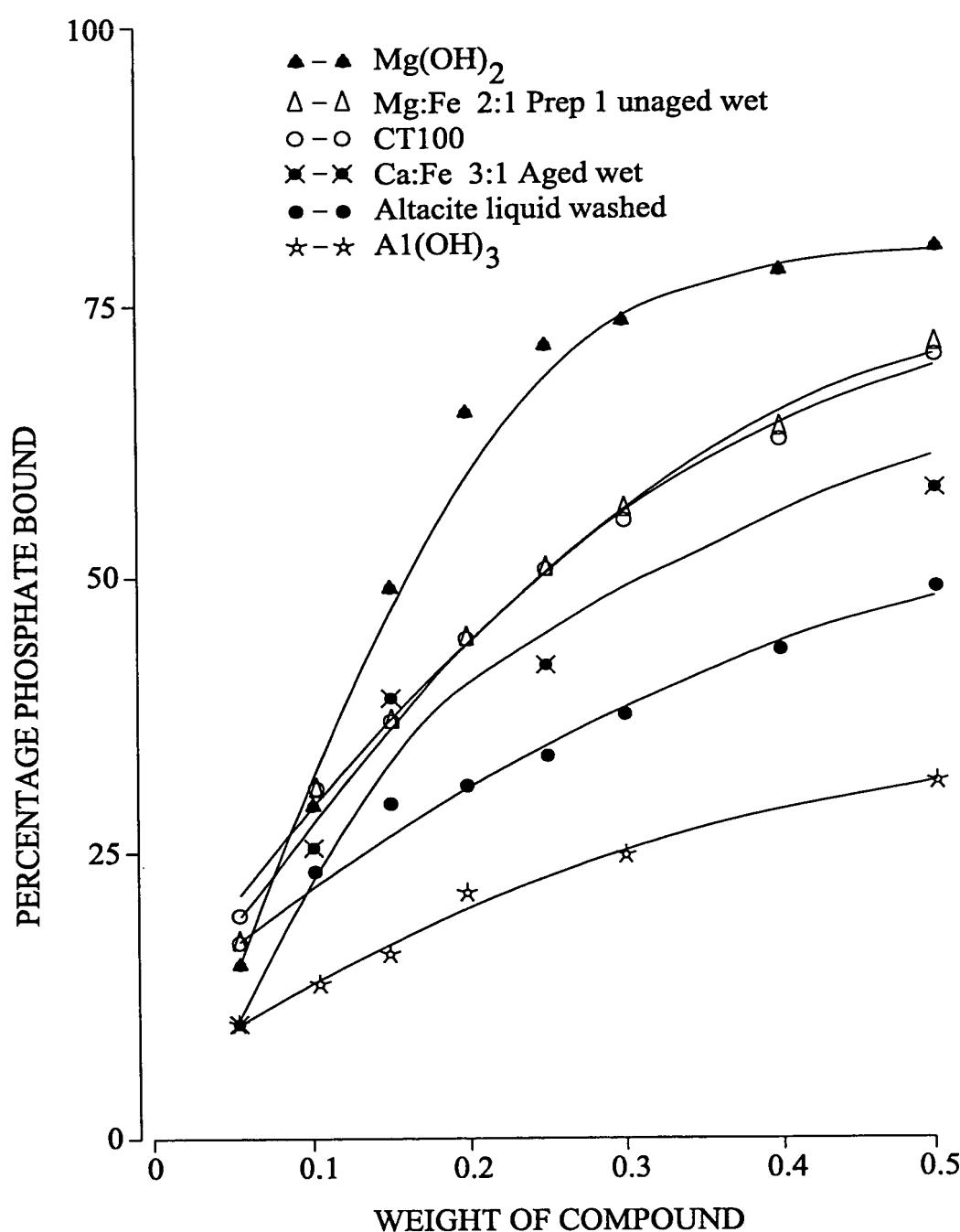




FIG. 3

Effect of increasing weight of compound on percentage phosphate bound at pH3



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FIG. 4

Effect of increasing weight of compound on percentage phosphate bound at pH7

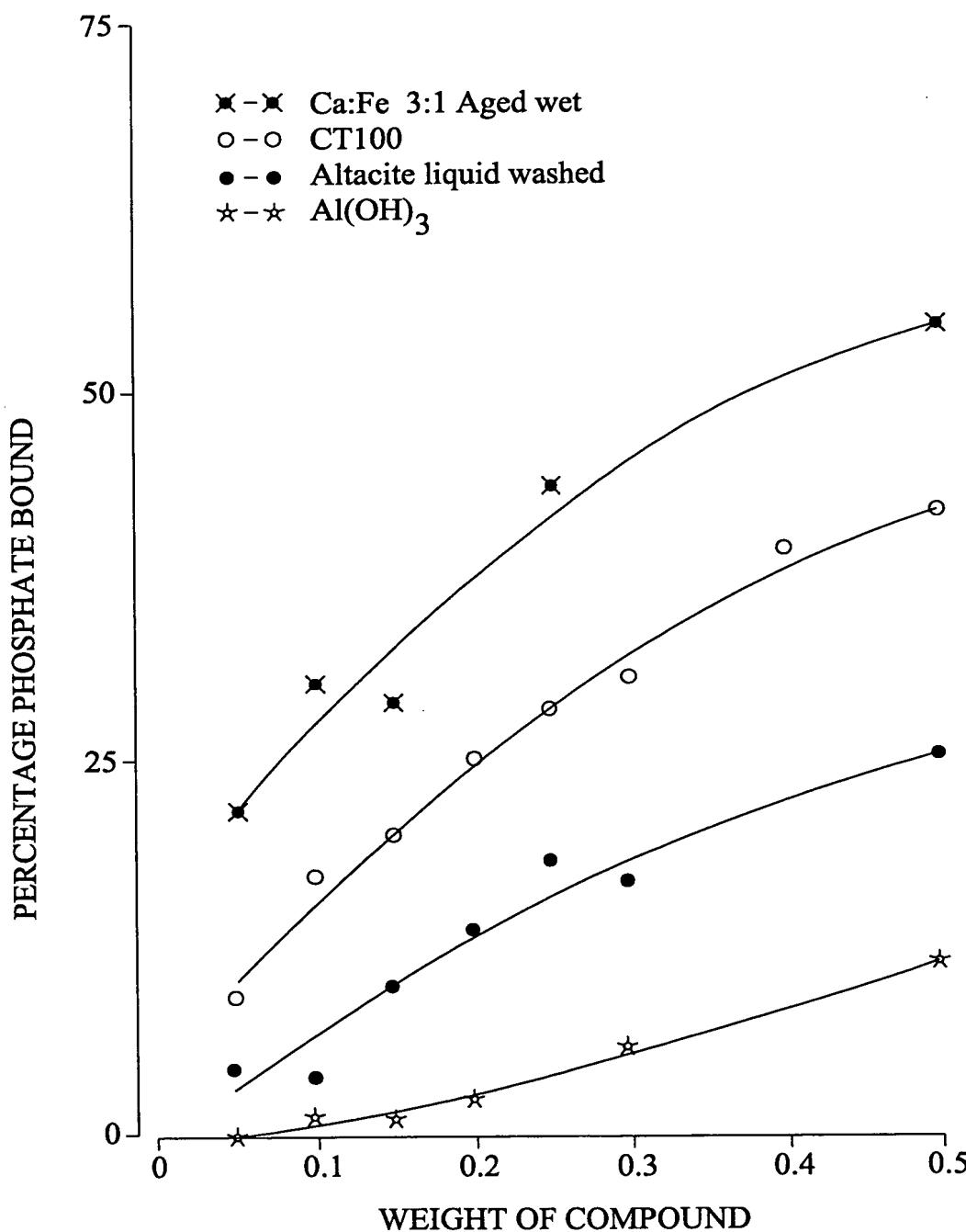




FIG. 5

Time course of phosphate binding in food

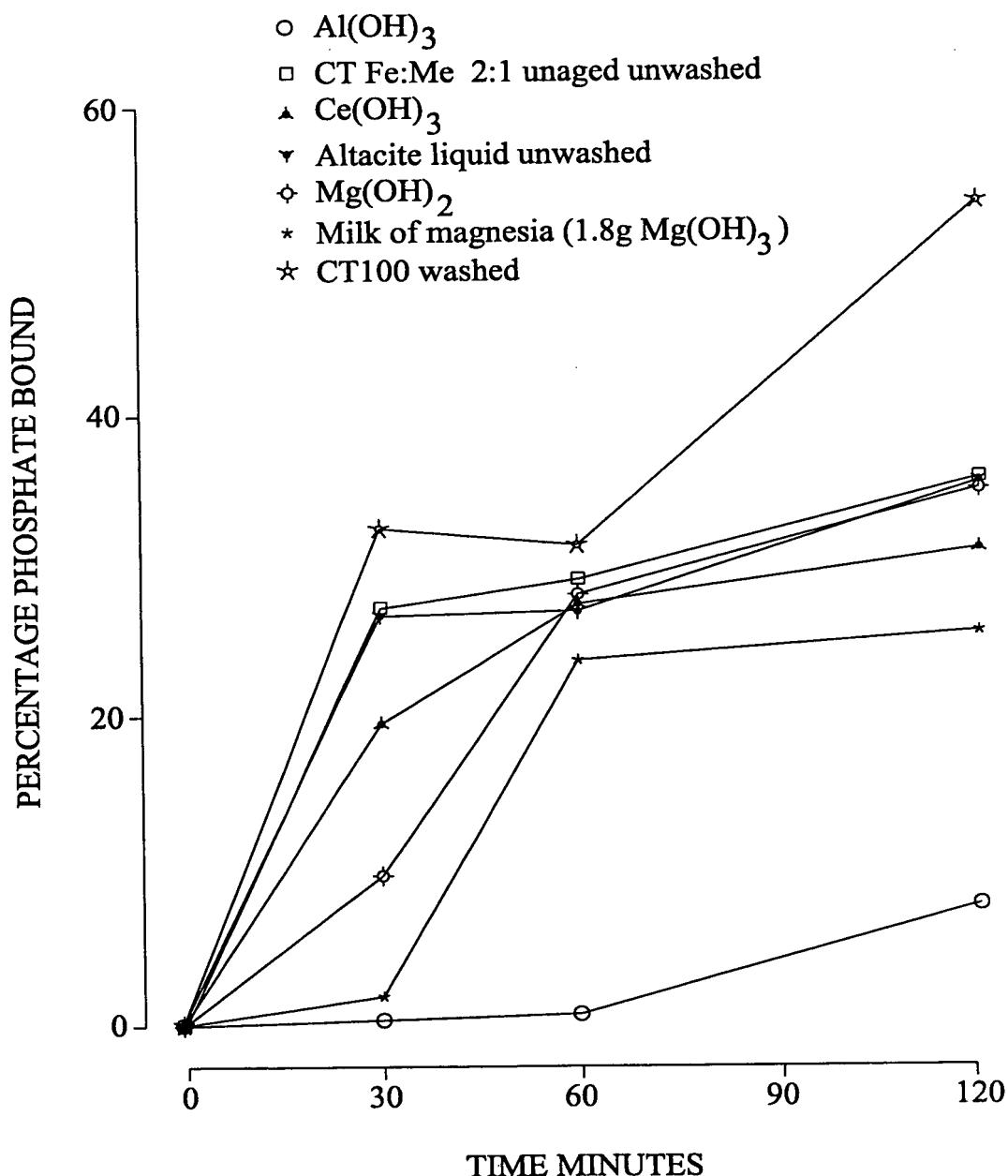




FIG. 6

Phosphate binding by the calcium ferric iron preparations over the pH range 3-8

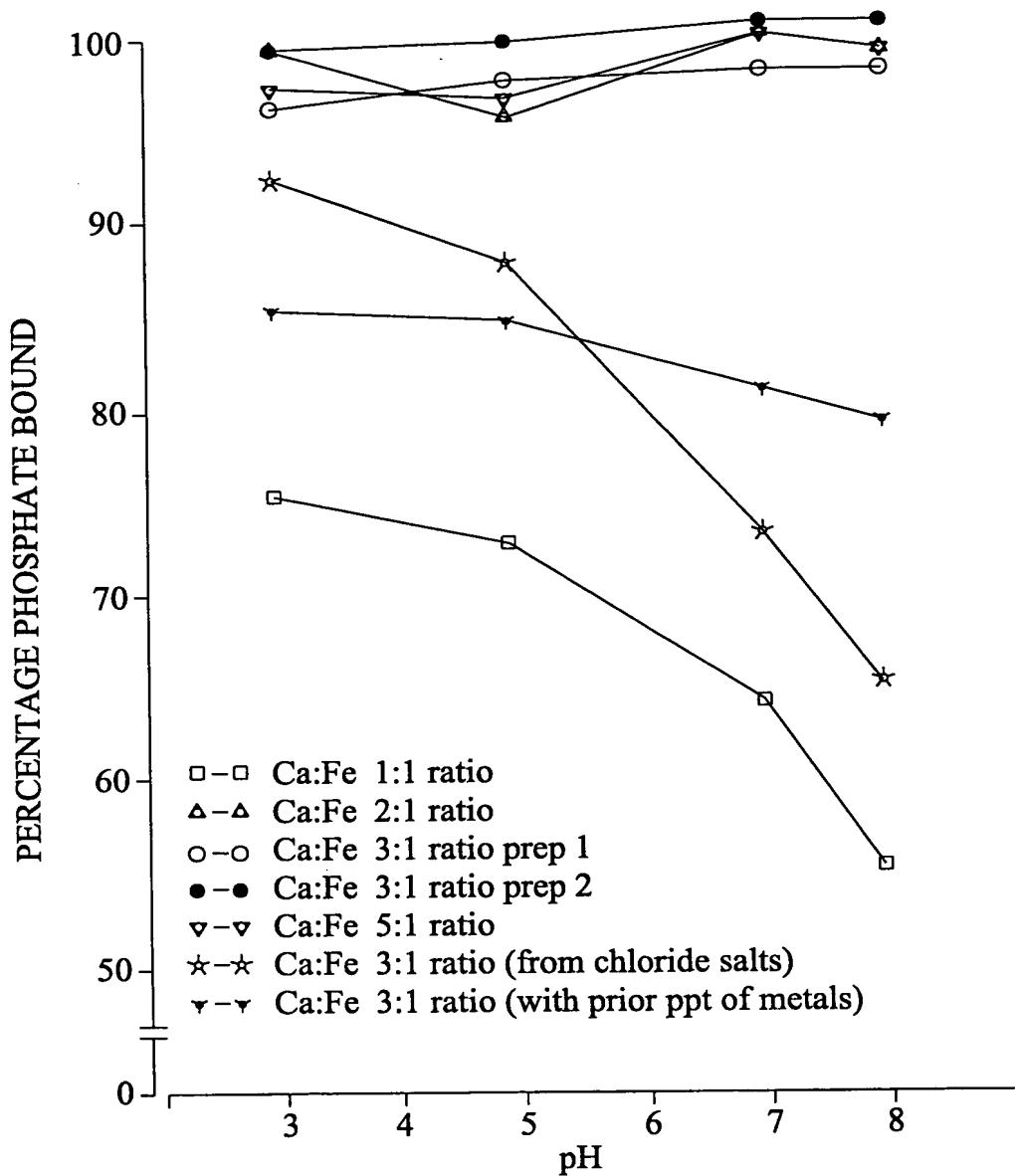




FIG. 7

Phosphate binding by the magnesium ferric iron and calcium magnesium ferric iron preparations over the pH range 3-8

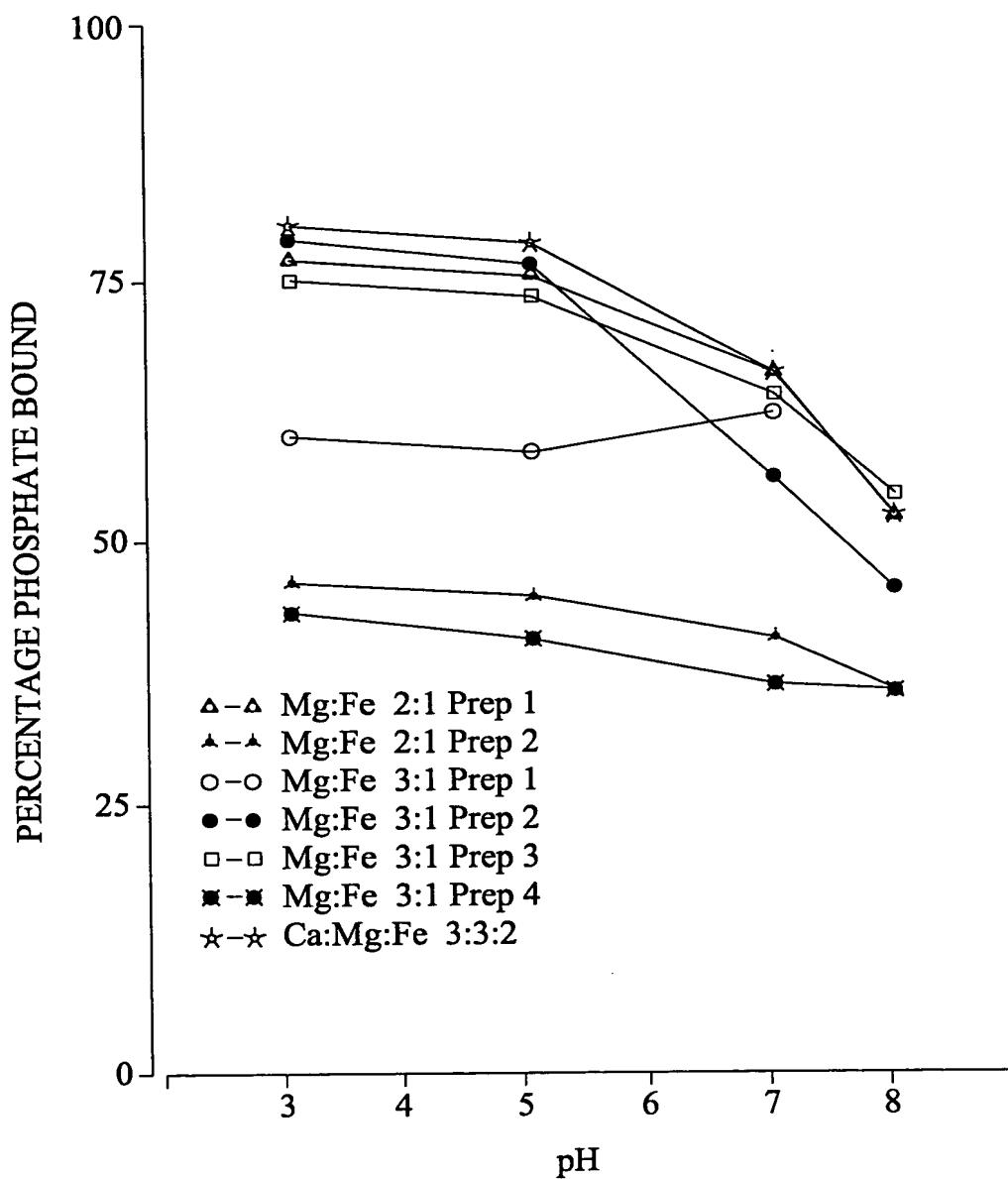




FIG. 8

Phosphate binding by aluminium hydroxide, magnesium hydroxide and calcium carbonate over the pH range 3-8

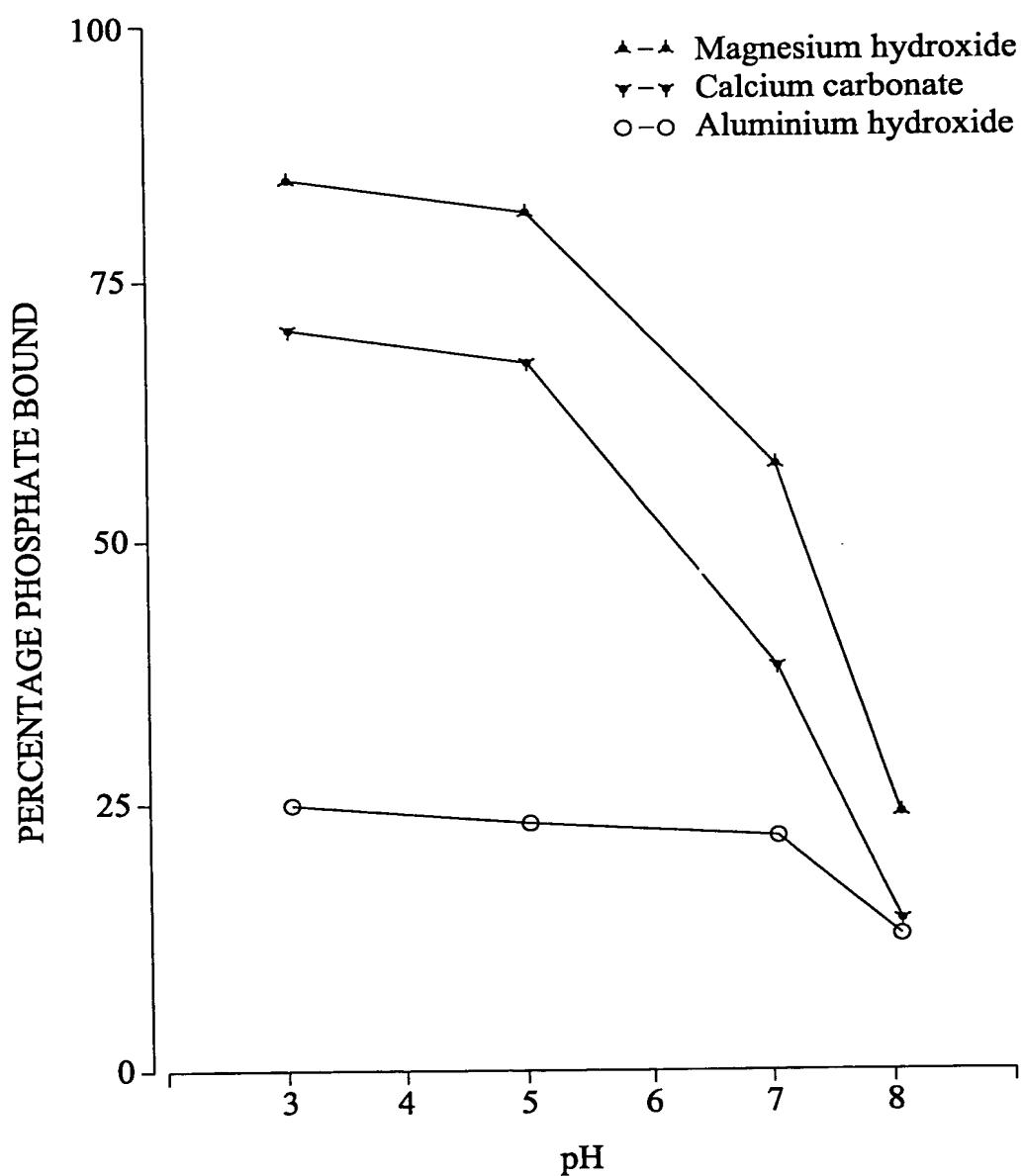




FIG. 9

Individual and mean (\pm 1SEM) urinary phosphate excretion for control rats and those treated with phosphate binding compounds.

Individual values of urinary phosphate excretion ($\mu\text{mol}/24 \text{ hours}$) were plotted for controls (\blacktriangle) and animals treated with Al(OH)_3 (\blacksquare), CaCO_3 (\square), CTFeCa (\bullet), Mg(OH)_2 (\circ), CT100 (\blacklozenge) and CTFeMg (\diamond). Mean (\pm SEM) for each group are presented by points with error bars. * $p<0.05$ compared to Al(OH)_3 treated animal groups.

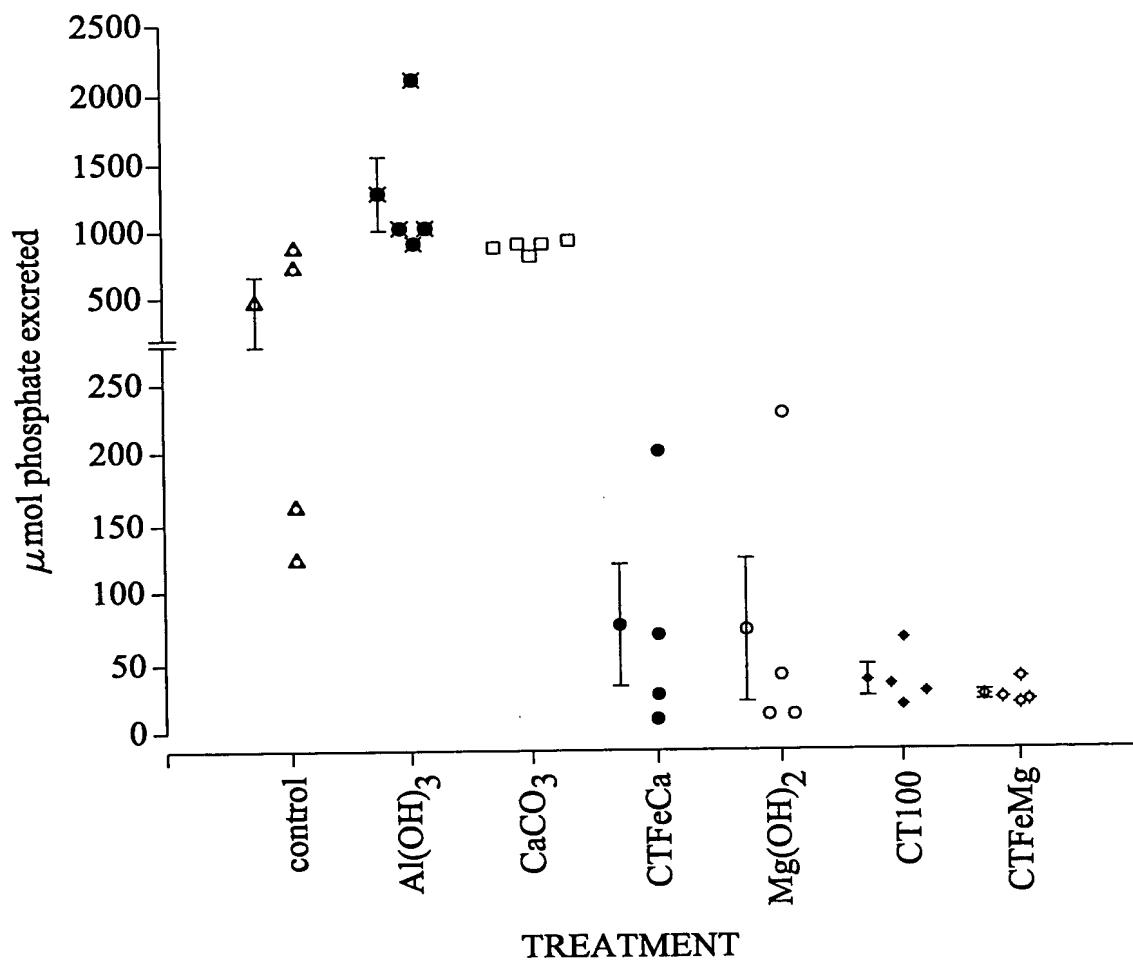




FIG. 10

Mean (+1SEM) soluble faecal phosphate (g^{-1} dry weight as a percentage of total soluble and unsoluble) faecal phosphate (g^{-1} dry weight) for control rats and those treated with phosphate binding compounds.

